

State of New Hampshire DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095 (603) 271-3406 FAX (603) 271-7894



June 13, 2002 Letter of Deficiency DAM #213.02

Mr. Denley Emerson Main Street Center Sandwich, NH 03227

RE: Red Hill River Dam, Sandwich

Dear Mr. Emerson:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that plays a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on November 8, 2001. During this visual inspection and/or file review, the following deficiencies were observed:

The primary spillway is clogged with woody debris and not functioning;

- 2 There are large trees and brush within 10 feet of the toe and heel of the dam
- There is a wet area on the far left bank approximately 40 feet from the stoplog bay; and
- 4. There is no operation and maintenance (O&M) plan on file with the DES.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

September 1, 2002:

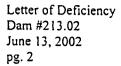
- 1. Restore the stoplog bay to a free flowing condition and replace logs if necessary;
- 2 Removal all trees, brush, and beaver debris within 10 feet from the downstream toe of the dam;
- Prepare and submit to the DES a written O&M plan. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel; and

Continuously Monitor:

4. The wet area on the far left bank approximately 40 feet from the stoplog bay.

Due to the time that has lapsed as well as additional deficiencies observed as a result of the November 8, 2001 inspection, DES will be officially closing out the 1993 LOD. Enclosed is a copy for your reference. It is our hope that the additional deficiencies as well as the outstanding deficiencies will be addressed within the schedule indicated above.

http://www.state.nh.us TDD Access: Relay NH 1-800-735-2964



DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,

@ PYr

Amy C. Clark
Dam Safety Engineer

Attachments Guideline for an O&M plan, DB8, DB13 cc: Gretchen Rule

Town of Sandwich

Certified # 7199 3400 0002 9773 8471

ACC/was/h:/safety/wendy/lod/213-02lod.doc